FARM NEWS

By J. A. Smith, County Agent

Drought is defined as "the condition where there is insufficient soil moisture available to insure maximum plant growth" — in short, not enough water in the soil.

Until recent years, it was assumed that serious shortages of soil moisture occur regularly only in the more arrid parts of the United States. With rapid increases in the over-all efficiency of crop production in the humid east, it is becoming apparent that agricultural drought occurs frequently almost everywhere. As a result, there has been a marked upturn in the interest in irrigation during the past decade. This interest is reflected in expanded irrigation research programs, in increased use of irrigation equipment, and a growing concern about the adequacy of natural water resources.

In the past, drought studies have been studies of precipitation. But the two other factors which should be given equal consideration are the rate at which soil moisture is used by crops, and the capacity of the root zone to make soil moisture available when it does not rain.

The study just completed does consider those factors, and should be of value to farmers who are faced with the decision of whether or not to go in for irrigation farming, and to agricultural scientists who have to know in which areas and under what soil conditions the use of irrigation should be encouraged or irrigation experiments should be conducted.

The present report will answer the question, for example, how many years out of 10 can one expect soil moisture reserves to be exhausted in 20 days during the month of June? Whether this answer for any particular region will be one out of 50 years or one out of 3 years is obviously of the greatest significance in making decisions about irrigation.

Although generally speaking, the natural water resources of Virginia are pelntiful, they will undoubtedly fall short of demand at certain times and locations. Surface and underground waters are used by industry, agriculture, municipalities, etc. The potential anticipated demand for water to be used in irrigation is clearly linked with an estimate of expected drought occurrence in an area.

Using the data in the report, it is possible to predict the soil moisture deficiency during any part of the growing season, for a number of given probabilities. These values, multiplied by a number of acres of crop land where such deficiencies are expected, provide an estimate of demand for supplemental water. Estimates can be prepared of amounts that meet demand in 8 out of 10, 9 out of 10 years, and so forth.

This bulletin is available from the county agent's office.

Better Nutrition Helps Calves Resist Worms

Research work done by the Georgia Experiment Station illustrates how undernourished calves are particularly susceptible to worm parasites. Better nourished animals eat better, remain healthier, and make larger gains under equal exposure to worms.

Calves raised on fescue pasture had more worms and showed more ill effects of worm infection than comparable animals on crimson clover pasture or calves on a temporary winter pasture of ryegrass, oats, and crimson clover. When the calves on fescue got supplemental corn, they had only one-third as many worms, made larger gains, and ate slightly more forage than calves on fescue alone. Feeding supplemental corn to calves on the temporary and crimson clover pastures reduced worm loads, but did not increase gains or influence forage consumption. The calves on fescue without supplemental corn also showed outward symptoms, such as rough and dull coats, diarrhea, and emaciation. In post mortem examination, calves on fescue alone showed swelling, inflammation and pyloric hemorrhanges of the stomach. By contrast, only moderate inflammation of the stomach was seen in animals on the more nutritive crimson clover.

From this evidence, researchers concluded that good nutrition improves a calf's ability to resist worms.

Another finding was that spring-dropped calves had 2 to 3 times more worms than fall-dropped calves. Fall dropping of calves seems to help control parasitism during the next year's growth and finishing. It is most practical where cattlemen have good winter pastures or other feeding plans.

Summer Suggestions For Dairymen

July and August are critical months for the top-producing cows in the herd. Hot, dry weather can cut down profits unless the cows are kept comfortable. Often the drop of milk production of cows in midsummer is caused more by feed shortages on scanty pasture than by the heat.

There are several simple things the dairyman can do to ease the cow's discomfort during hot weather.

First, be sure there is plenty of clean water available at all times in the mastpre Cows drink considerably more water in hot weather than in cool weather.

Provide shade. If there are no trees, build a shelter. This may be just four poles set in the ground, to support a few boards or wire fencing covered with some straw or hay. All sides of the shelter should be open for air circulation. Aluminum roofing placed over roof boards will also provide erceilent shade. The bright metal reflects sun's rays.

Cows kept on good pasture are more comfortable than when confined to a bare barnyard or on a poor pasture. The air immediately above green forage is about 10 degrees cooler than that above a bare barnyard.

A study at VPI showed that during hot weather cows grazed for longer periods during the hours of darkness than during daylight. When the daily temperatures were more moderate, the cows grazed more during the daylight hours. So during hot weather, put the cows on the best pasture you have between the evening and morning milking.

During very hot weather, feed the milking herd hay or silage in addition to pasture as the cows may not grare long enough to get all the feed they need. A cow will stand beside a wagon or rack full of hay or silage and eat when she won't graze in the hot sun.

Spray the herd with fly repellents so the cows won't have to battle the flies along with the hot weather. A comfortable cow will produce more milk, and mean more profits for the dairyman.

Pamplin

Pamplin, June 11.- Mrs. R. L. Woodson, of Richmond, was a week-end visitor in the home of the Rev. and Mrs. W. M. Black.

Week-end guests in the home of Mrs. W. B. Ford and Mrs. H. M. Marshall were Mr. and Mrs. F. E. McCauley and children, of Fredericksburg, and Mr and Mrs. W. W. Ford, of Lynchburg.

Mr. and Mrs. Norman Spencer and children, of Buckingham were week-end guests of her parents, Mr. and Mrs. F. B. Fitzgerald.

Mr. Luther Nash attended the Methodist Conference at Roanoke this week.

Miss Nancy Martin, Raymond Dickerson and Miss Janice Ruth McClenny attended the Commencement at V. P. I. Saturday.

Mrs. H. M. Marshall is visiting relatives in Roanoke this week.

Mr. and Mrs. Walter Anderson, of Appomattox were week - end visitors of Mrs. Ruth Eaton.

Mr. Billy Gilliam, of Statesville, N. C. is spending this week with his sister, Mrs. W. B. Ford.

Recent guests in the home of Dr. and Mrs. C. H. McCall were Mr. French Snyder, of Marysville, Ohio and Mr. and Mrs. Robert E. Walton, of Wellston, Ohio.

Mr. and Mrs. Thomas Jamerson, and Mr. and Mrs. Eugene Dickerson attended the Donnelly - Mettert marriage at Richmond last week.

R. S. Baldwin, Tommy Ligon and R. E. McClenny, Jr., of V. . I. are at their homes here on their summer vacation.

Mrs. R. E. McClenny left Wednesday for Warwick to visit her sister, Mrs. S. W. Brockwell, and will accompany her on a vacation trip to New York.

Mrs. J. T. Morris has gone to join her husband at Pittsburg, Mass., where he has employment.

Mr. and Mrs. Harold Tolly have moved to Richmond.

Miss Eloise Rosser is visiting Miss Jane Nash, of Roanoke.

Mrs. L. L. Dickerson visited relatives at Lynchburg last week.

Colored Dots

Visiting in the home of Mr. and Mrs. C. M. Harvey are the brothers and sisters: Mrs. Virginia Fitchette, of Brooklyn, N. Y.; Mrs. Youtha Jones and daughters, Eletta and Joyce, of Washington, D. C.; Mr. and Mrs. Harry Glover, Washington, D. C.; Mr. and Mrs. Gilbert Glover, Philadelphia, Pa.; Mr. and Mrs. Jesse Steele,, Mr. and Mrs. Herbert King and son, Johnny and daughter, Joan; Mr. Elbert Glover, Jr., and Mrs. Jessie Foster, all of Washington, D. C., and Alyce Harris, of California, Pa.

Spout Spring

Spout Spring, June 11.- Mrs. W. S. Walton recently visted her daughter, Shirley in Alexandria.

Mrs. Walton is attending Methodist Annual Conference in Roanoke this week.

Miss Margaret Moon is spending several days this week in the home of the Rev. and Mrs. William Moon.

Mrs. Ernest Chaulebois has been visiting her mother for some time. She left last week to join her husband in St. Louis, Mo., where they will make their home.

Miss Frances Carson is attending the F. H. A. convention in Radford, Va. this week.

Mrs. Bessie Chilton, of Concord, Va. visted in the home of Mr. and Mrs. W. H. Robertson last Sunday.

A 'PEEPIN' HORSE'

Charleston, W. Va.- Hearing a crash of glass, Mrs. Renie Jones looked up to see a horse staring at her—his head through her shattered picture window. The horse had run away from a nearby farmer.

COMING AND GOING

Juneau, Alaska.- Ready to leave the hospital after an illness, Perry Hobbs telephones for his wife to pick him up in the family car. Her office said she was on the way to the hospital—as a patient— after having collapsed from exhaustion, and a bad case of flu.

Value throughout—and easy to own
Liberal trade-ins, easy terms
See it now!
Appomattox Hardware Co.
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NOW is the time, to re-model that ATTIC, ROOM MENT (into a RECREATION ROOM) KITCHEN OR BATH with plastic and asphalt tile, PLYWOOD PANELING &c., and you will be "DELIGHTED WITH THE BEAUTIFUL RESULTS."

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DESIGNED FOR SOUTHERN LIVING

"He sure knows how to pick 'em!"

Bridesmaid: You mean Lucille . . . or are you talking about their Oldsmobile?

Best Man: Both! But I was really looking at their car. What a beauty!

Bridesmaid: They sure are a lucky couple.

Best Man: And smart, too. That Olds costs less than you'd think. It has style that will *stay* in style. They get real comfort . . . a wonderful ride . . . and the big Rocket Engine . . .

Bridesmaid: She looked so lovely . . .

Best Man: They'll really find out how smart they are to own an Olds at trade-in time. Why, an Olds brings a better price than lots of the most expensive cars, even after a couple of years of use.

Bridesmaid: You know what I wish? I wish that someday . . .

Best Man: That you can own an Olds? Don't waste your wishes. Let's take a ride in my Golden Rocket 88. Maybe your dreama'll come true sooner than you expect.

SEE YOUR AUTHORIZED OLDSMOBILE QUALITY DEALER

Liberty Chapel

Liberty Chapel, June 11.- Mrs. Collie Gordon has returned to her home in Lynchburg, after spending several days with her mother, Mrs. W. W. Thornhill. Others visiting in this home Sunday were Mr. and Mrs. Edd Gill, Mr. and Mrs. Layne, Mrs. Alma Spiggle, Mrs. J. H. Reynolds, Mrs. Martin Coleman, J. L. Thornhill, Mr. and Mrs. Kern Mays, and Mrs. Pearl Harris. Mrs. Thornhill is much better at this writing. We do wish for her a speedy recovery.

Vacation Bible School will start Monday, June 17, at Liberty Chapel Church at 9:00 A. M. Mrs. John W. Gunter is superintendent.

Dinner guests Sunday of Mr. and Mrs. Paul Thornhill were Mr. and Mrs. Lewis Mann and Mr. and Mrs. Billy Mills.

Mr. and Mrs. Sam Thornhill, Mr. and Mrs. Joe Megginson, Mrs. Elsie Megginson, Mrs. Henry Stanley, Jr., Miss Edna Megginson and Miss Faye Thornhill attended the B. Y. U. mass meeting, which was held on Monday evening in Buckingham.

Mrs. Bill Sperry, Wendy and Jonnie, of Lynchburg, spent several days last week with her parents, Mr. and Mrs. Paul Thornhill.

Mrs. Florene Phelps, of Lynchburg is spending some time with her daughter, Mrs. Marvin Reynolds.

PAMPLIN, ROUTE ONE

Mr. and Mrs. Ed Baldwin, of Wisconsin, are visiting relatives here this summer.

Mrs. Monroe Baldwin and children, Irene, Monroe Jr., Harry and Betty, and Mr. and Mrs. Sam Baldwin and daughter, Doris toured the Glasgow and Big Island area last Monday.

Mr. and Mrs. Clarence Webber and children visited Mr. and Mrs. S. M. Baldwin, of Pamplin, Sunday.

Mr. and Mrs. Gene Davis, of Powhatan spent the week-end with her parents, of Pamplin.

Mrs. Curtis Rand, of Pamplin, spent the week-end in Charlottesville with friends.

Oakville

Oakville, June 11.- Mr. and Mrs. Wesley Coleman, Mr. and Mrs. Clarke Lewis, Mrs. Herbert Richardson and Mrs. W. Clarke Moore attended the funeral of Mr. Albert Strawsburg in Richmond last Tuesday.

Mr. and Mrs. James D. Marshall and son, "Doug," are visiting her parents, Mr. and Mrs. W. Clarke Moore.

Mr. and Mrs. Neal Yelverton and children, Charles and Patsy, of Mississippi spent the week-end with Mr. and Mrs. O. W. Martin, Jr.

The Bible School of Mt. Comfort Methodist Church is going on this week.

Miss Elizabeth Haskins left Saturday for Farmville, after spending the school session with Mr. and Mrs. O. W. Martin, Jr.

We extend our sympathy to the family of Mrs. Joel Morris.

Mr. and Mrs. W. Clarke Moore had as their supper guests Friday night, Mr. and Mrs. Dan Lewis and daughter, "Marty," Mrs. Tom Guill and Mr. and Mrs. James D. Marshall.

FORESTRY CAMP AT HOLLIDAY LAKE

The forest industry in Virginia has awarded scholarships to some one hundred boys who have demonstrated their interest in forest conservation. The boys will attend the annual Forestry Camp at Holliday Lake near here, sponsored by the Southern Pulpwood Conservation Association.

The camp administered by the Virginia Division of Forestry, , will be host to the forestry minded boys from all of Virginia for a week. Trained by Foresters from Virginia's wood using industries, and the Virginia Division of Forestry, the youngsters will be taught ways of improving Virginia's timber resources through good woodland management and forest fire prevention.

Dial 2811 with Personals.

79 Has Perfect Attendance

A total of 79 pupils had perfect attendance for the 1956-57 session in the Appomattox Elementary School. They were:

Seventh Grade

Calvin Ferguson, Dicky Fuller, Virginia Caldwell, Carole Gilbert, Patsy Jamerson, Peggy Lewis, Kitty Lou O'Brien, Judy Thompson, Lawrence Beard, Marvin House, Catherine Richardson, Nancy Sue Lewis, Sandra Trent, Carolyn Carter, Doris Mayberry, Joy Davidson, Joyce Fitzgerald, Mary Catherine Mitchell.

Sixth Grade

Helen Fitzgerald, Florence Watson, Freddie Carter, Fred Grishaw, Randolph Smith, Eric Wilkins, Mary Ann Franklin, Phyllis Mayberry, James Whitehead, Robert Goin, Carson Crawley, Betty Goin.

Fifth Grade

Butch Bryant, Herbert Martin, Richard Smith, T. C. Torrence, David Reid, Kathryn Taylor, Linda Carter, Sue Giles, Donald Brown, Tom Evans, John Gilette, Charles Martin, Douglas Mitchell, Michael Mitchell, Jimmy Torrence, Kathryn Bragg, Carolyn Keys, Jane Wilson.

Fourth Grade

Jean Cole, Vickie Smith, Donna Guill, Susan Nell O'Brien, Kenneth Ferguson, Mary Grey Holland, Cynthia Richardson, Kirkie Watson, Jeanette Williams.

Third Grade

Carolyn Gaines, Lynda Hall, Charlotte Lawson, Delly O'Brien, Kenneth Wilkins, Corinne Abbitt, Carroll Goodrich, Scottie Morris, Kenneth Howell Coleman, George Williams, Norman Booth, Randall Ferguson, Barbara Ann Reid, Helen Garrett.

Second Grade

Yvonne Nash, James Smith, Evan Thompson, Mary Lou Martin, Peggy Morris.

First Grade

Larry Johnson, Dona'd Williams, Michael Seay.

MUST 'ROLL' FOR ESTATE

Basingstoke, England.- Under the terms of the will of Norman J. Mead, 29, who was killed in an automobile accident, recently, his five brothers and sisters were directed to roll one hand of poker dice for his estate. High roll takes it all. The will also asked that his body be cremated and "my ashes put in the nearest dust bin."

BALD HEADS O.K.

Watsonville, Calif.- Two high school sophomores, Bill Roberts, 18, and Pete Baclig, 15, got Mohawk Indian type haircuts on a bet. Principal Ernest Cook told the boys they couldn't return to school that way, but if they had all their hair cut off, they could return to classes. The boys obliged.

WHERE, OH, WHERE?

Dayton, Ohio.- A confused taxpayer recently walked into the office of the local internal revenue agent, picked up two copies of Form 1040, stared at them for a moment and then said, "I don't know anything about this stuff. Can you tell me where I can get a taxidermist to fill it out?"

Little Things

"It's the little things in life that tell," said Dora as she dragged her kid brother out from underneath the sofa. —USSS Tennessee Tar.

Renew your subscription.

Appomattox is a growing town.

SNACK BAR

This Popular Down-Town Restaurant Welcomes You For

BREAKFAST
LUNCH — DINNER

Open 6 a. m.—Close 8 p. m.
(Closed on Sunday)

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"MANHATTAN" DRESS SHIRTS .... $2.95 - 3.95
Regular and French Cuff

BOTANY TIES and HANKERCHIEFS

"FRUIT OF THE LOOM" UNDERWEAR

VEST size 36 to 48 ..... 49c
SHORTS size 28 to 69c
T-SHIRTS s. m. l. xl. 69c
SPORT SHIRTS by "B V D" and "ENSENADA"
Cust. styles and colors ..... $1.98 — $2.98

Dress Pants

WASH'N WEAR — Baby Cord — Gabardine — Tropical — ..... $4.95 to $7.50

"Hickok"

BELTS - JEWELRY - SUSPENDERS - BILL-FOLDS

Dress Coats

by "BUCK SKEIN" ..... $10.95 — $15.95
Summer and Year Around Styles

SPORT (*Windbreaker*) JACKETS
Many Styles and Colors
Size 36 to 46 ..... $2.98 to $7.50

MEN'S MATCHED WORK SUITS
Gray — Green — Khaki
SHIRTS Size 14 to 20 ..... $1.98 —$2.59
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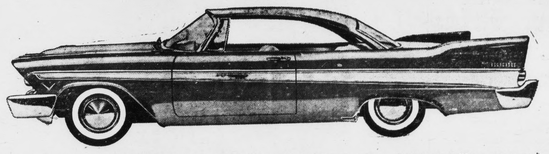

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PLYMOUTH — "Your overall best buy"—Car Life Magazine. "After testing all the 1957 cars we choose Plymouth as today's over-all best buy because we feel that it offers more and better transportation value than any other 1957 car regardless of price." (From the June issue of CAR LIFE, the family auto magazine.)

PLYMOUTH—"Style leader of the year"—Dell's 1957 Cars Annual. "Style Leader of the Year Award, presented to Plymouth Division of Chrysler Corporation, by the editors of Dell's 1957 Cars Annual who have chosen the 1957 Plymouth as the style leader of the American automotive industry." (Inscription on the actual award.)

PLYMOUTH — "Economy leader of its field"—1957 Mobilgas Economy Run. "In the 1957 Mobilgas Economy Run Plymouth won first place in Class 'A,' the division that includes all of the well-known low-price cars. The Plymouth was powered by a V-8 engine with automatic transmission." (From U. S. Auto Club records.)

PLYMOUTH — "Superior roadability"—1957 Motor Trend Magazine Award. "Presented to Chrysler Corporation for superior handling and roadability qualities of their family of fine cars." (Citation of 1957 Motor Trend Award, presented annually to U. S. manufacturer making the greatest engineering advancement.)

• First, in every way! The *only* low-priced car with road-taming Torsion-Aire Ride . . . breath-taking Flight-Sweep Styling . . . Push-Button TorqueFlite or PowerFlite . . . the sure control of super-safe Total-Contact Brakes. Now's the *smart* time to buy! Your Plymouth dealer has the buy of a lifetime for you today!

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